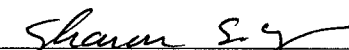


## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Bruce R. Ferguson  
App. No : 10/758,952  
Filed : January 16, 2004  
For : BATTERY CHARGING AND  
DISCHARGING BY USING A BI-  
DIRECTIONAL TRANSISTOR  
Examiner : Aaron C. Piggush  
Art Unit : 2838  
Conf # : 6180

**Certificate Of EFS Web  
Transmission**Confirmation No.: **6180**

I hereby certify that this correspondence  
and all marked attachments are being  
transmitted via EFS Web:

  
Sharon S. Ng, Reg. No. 55,383

## RESPONSE TO OFFICE ACTION DATED JUNE 19, 2007

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed on June 19, 2007, Applicant respectfully submits the following amendments and comments in connection with the above-identified application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 7 of this paper.